

WHAT IS CLAIMED IS:

SUB  
A1

~~1. A removable pressure-sensitive adhesive sheet which comprises a pressure-sensitive adhesive layer constituted of a pressure-sensitive adhesive comprising a polymer in which the content of low-molecular components having a molecular weight of  $10^5$  or lower is 10% by weight or lower.~~

SUB  
B1

~~2. The removable pressure-sensitive adhesive sheet of claim 1, wherein the polymer constituting the pressure-sensitive adhesive is an acrylic polymer obtained by polymerizing one or more monomers in liquid or supercritical carbon dioxide.~~

~~3. The removable pressure-sensitive adhesive sheet of claim 1, which is for use in semiconductor wafer processing.~~

~~4. The removable pressure-sensitive adhesive sheet of claim 2, which is for use in semiconductor wafer processing.~~

ADD  
A2